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SOURCE Newspapers as indicated.

ACTIVITIES OF RUMANIAN SCIENTIFIC INSTITUTES, CENTERS; PLANS FOR PENICILLIN PLANT; NEW PHARMACEUTICALS

PLAN PENICILLIN PLANT -- Bucharest, Viata Sindicala, 13 Jan 53

Plans for a new Rumanian penicillin plant, as well as all technical documentation for the operations of the plant, were prepared by Soviet technicians. Basic equipment for the plant was supplied by the USSR. The manufacturing processes will be based on Soviet technological methods. External parts and annexes of the plant were planned by IPROCHIM (Institutul de Proiectari Chimice, Institute of Chemical Planning). Buildings will be erected by Sovromconstructie. Penicillin and ultimately other antibiotics will be produced.

ESTABLISH INSTITUTE FOR SCIENTIFIC RESEARCH IN LABOR PROTECTION -- Bucharest, Viata Sindicala, 13 Jan 53

Comment: Bucharest daily newspapers in early January 1953 reported a series of conferences on labor safety in Rumanian industries and work centers, with particular emphasis on coal mining and metallurgical industries. The papers mentioned, without going into detail, that conferences in the petroleum industry discussed such topics as "Explosions in Refineries," Labor Protection in Drilling," etc. It is interesting to note in this connection that shortly after the conferences were held the following article announced the establishment of an Institute for Scientific Research in Labor Protection.

An Institute for Scientific Research in Labor Protection has been set up in Rumania under the General Confederation of Labor. Technicians and specialists of the institute, in collaboration with scientists of institutes under the Academy of the Rumanian People's Republic and Stakhanovites in enterprises, are investigating problems connected with labor safety in factories.

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The industrial safety section, the ventilation section, the illumination section, and the industrial hygiene section of the institute have introduced a number of improvements in mines and factories through the study of Soviet documents. A high-voltage laboratory has been established by the institute to test insulation and other safety factors in the electrical industry. The teaching section of the institute prepares inspectors and teaches the rules of ventilation.

Engineer I. Constantin is director of the institute. Activities are supervised by a scientific council consisting of members of the Academy of the Rumanian People's Republic, inventors, rationalizers, scientific and technical specialists, and others.

SET UP CENTER FOR HEALTH EDUCATION IN BUCHAREST -- Bucharest, Romania Libera, 30 Jan 53

A Center for Health Education has been set up in Bucharest, patterned after the Central Institute for Health Propaganda in Moscow. This center carries on experiments to determine the best methods for educating the working people in safety and improved health standards. Specifically, the center does research in health education, prepares material for health propagandists, trains health personnel, and prepares material for medical students.

In its year of existence, the center has undertaken scientific research in methods of teaching health at large construction enterprises, as well as in mining, metallurgy, and agriculture. In addition, it has published 5 million health pamphlets.

ESTABLISH MEDICAL LIBRARY CENTER -- Bucharest, Romania Libera, 24 Jan 53

A medical library center was set up in 1952 for the first time in Rumania. The purpose of this center is to organize and classify medical libraries throughout the country according to a single system, and to prepare a national bibliography. This will not only help to preserve medical manuscripts, but will turn medical libraries into centers for the propagation of Soviet medical science. At present, the library center is editing seven periodicals, including Munca Sanitare (Health Work), Revista Stiintelor Medical (Review of Medical Science), Ftiziologie (Tuberculosis), Ocrotire a Sanatatii in RPR (Supporting Health in the RPR), and Pediatria (Pediatrics). The center, in collaboration with the Romano-Soviet Institute, is translating a series of Soviet medical periodicals and numerous articles based on the teaching of Pavlov.

At the same time, the medical section of the State Publishing House for Scientific Literature will be transformed into the State Publishing House for Medical Literature, within the Ministry of Health.

ASIT PLANS LECTURES ON MACHINERY AND METALLURGY -- Bucharest, Romania Libera, 31 Jan 53

The ASIT (Asociatie Stiintifice a Ingenierilor si Tehnicienilor, Scientific Association of Engineers and Technicians) unit in Braila reorganized activities of ASIT committees in Braila enterprises in 1952. Technical cabinets were set up, technical libraries expanded. In addition, a schedule was drawn up for lectures by engineers before groups in metallurgical and machine industries.

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SCIENTISTS MEET IN BUCHAREST -- Bucharest, Romania Libera, 20 Jan 53

A meeting held at the Men of Science House in Bucharest on 18 January 1953 was attended by scientists, leading workers, and Stakhanovites in metallurgical industries. Prof Silviu Crisan, of the Machine Institute in Stalin, and Prof Gheorghe Manea, chief of the machine and mechanism section of the Academy of the Rumanian People's Republic, were present. These men discussed problems in connection with the rapid shearing of metal, qualities of special steel, and steel processing.

Professor Crisan stated that the schedule of the academy called for a series of studies on rapid shearing of metals by lathes and fraising machines, and other metallurgical problems. In addition, he reported the development of a measuring device to determine the percentage of loss in the cutting of hard steel. This device will modernize machine tools and conserve considerable quantities of hard metals. Stakhanovite master Gheorghe Campeanu reported that a special metal fraising machine of high speed had been built to overcome difficulties in the operation of ordinary lathes and fraising machines at high speeds.

NEW PHARMACEUTICAL PRODUCTS -- Bucharest, Viata Sindicala, 15 Jan 53

The collective of Pharmaceutical Factory No 1 in Bucharest began manufacture of new pharmaceuticals in 1953, using Soviet formulas and preparations. These items included manufacture, for the first time in Rumania, of multiple vitamins, isonicotinic Hydrazide for the treatment of tuberculosis, Anasept, and other items. The plant also produces Cifomaltin and Maltosan which aid growth in children. Other new drugs were developed during the production process of the above items.

RESEARCH FOR DEVELOPMENT OF HIDE AND SKIN INDUSTRY -- Bucharest, Romania Libera, 18 Jan 53

Laboratories of the hide and skin section of the Polytechnic Institute of Iasi are studying new methods of developing the hide and skin industry. A collective of professors is investigating the possibility of obtaining tannin extract from various native trees. For example, the bark of white birch has yielded 20 percent more extract than other trees.

[It may be noted, in connection with the projected expansion of the hide and leather industry, that the opening of a new tanning factory, Argesul Fabrica de Tananti, was announced in Bucharest newspapers in August 1952.]

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